

From: Lora Werner/R3/USEPA/US
Sent: 3/16/2012 2:34:54 PM
To: Richard Rupert/R3/USEPA/US
CC: Robert Helverson/R3/USEPA/US@EPA
Subject: Re: link to document

Thanks Rich - this was interesting. I was thinking you had found a well with variable lithium results though, this is for all the usual normal analytes we see UGSG reports on though and didn't seem to have lithium in it at all, unless I missed it. I am guessing the variability in the arsenic concentrations described on p.38 is because this is a relatively shallow well in alluvium and not bedrock like the wells we are dealing with in Dimock etc right? L

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From: Richard Rupert/R3/USEPA/US
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Date: 03/15/2012 01:53 PM
Subject: link to document

<http://pubs.usgs.gov/sir/2006/5263/pdf/sir2006-5263.pdf>

check out page 38 for :

Valley Settings

Arsenic contamination in Chapman State Park was documented in the repeated sampling of well Wr-576. This valley well (total depth of 59 ft) is finished in an alluvium hydrogeologic unit. The following data illustrate the persistence and variability in arsenic concentration over time.

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"The commander in the field is always right and the rear echelon is wrong, unless proved otherwise."
Colin Powell